



# GURUGRAM UNIVERSITY, GURUGRAM

(A State Govt. University established under Haryana Act 17 of 2017)

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Ref: Estb/4-2023/71

Date: June 30, 2023

## **NOTICE**

Sub: Updated Answer keys of the written test held on June 29, 2023 for engagement of Assistant Professor in various subjects/disciplines against Advt. No: 4/2023

Reference: this office notice Estb/4-2023/70 dated June 29, 2023 vide which Question papers along with Answer keys of the above referred written test were uploaded on the website

After careful consideration of all the comments/observations/objections received from the applicants through email at [guggpaper@gmail.com](mailto:guggpaper@gmail.com) up to 5:00 pm on June 30, 2023 by the respective subject/discipline experts, the answer keys have been updated, only wherever deemed appropriate/required, and hereby made available (attached herewith) on the website of the University [www.gurugramuniversity.ac.in](http://www.gurugramuniversity.ac.in) for information of all concerned. The evaluation of the written test answer-sheets is being done accordingly.

Please note that these are the final answer keys and no further observation/representation/ objection will be received/ considered at this stage.

Supdt (Estb.)  
for REGISTRAR

Copy to: All concerned

Web Administrator: to upload on University website

## Answer Key: Animation

Q No.	Key	Q No.	Key
1	D	26	D
2	B	27	D
3	A	28	C
4	B	29	B
5	A	30	D
6	A	31	A
7	B	32	A
8	A	33	C
9	A	34	D
10	B	35	A
11	B	36	A
12	D	37	C
13	C	38	C
14	A	39	C
15	C	40	B
16	D	41	D
17	A	42	C
18	A	43	C
19	B	44	D
20	C	45	C
21	D	46	D
22	B	47	D
23	B	48	D
24	D	49	A
25	A	50	C

## Answer Key- English

Q. No	Key	Q. No	Key
1	C	26	A
2	A	27	C
3	C	28	B
4	C	29	A
5	C	30	A
6	A	31	A
7	B	32	D
8	C	33	A
9	B	34	C
10	A	35	C
11	A	36	C
12	D	37	A
13	B	38	C
14	A	39	B
15	D	40	A
16	B	41	D
17	A	42	D
18	D	43	A
19	D	44	D
20	B	45	C
21	D	46	A
22	A	47	B
23	C	48	A
24	D	49	B
25	C	50	B

## Answer Key- Math

Q. No.	Key	Q. No.	Key
1	B	26	A
2	C	27	B
3	A	28	D
4	C	29	B
5	B	30	C
6	D	31	A
7	B	32	B
8	C	33	D
9	B	34	B
10	D	35	D
11	A	36	A
12	C	37	B
13	A	38	A
14	C	39	C
15	B	40	A
16	C	41	B
17	B	42	A
18	B	43	D
19	C	44	A
20	D	45	C
21	D	46	A
22	A	47	B
23	C	48	C
24	D	49	B
25	A	50	D

## Answer Key: Psychology

Q No.	Key	Q No.	Key
1	B	26	D
2	D	27	B
3	A	28	C
4	C	29	A
5	C	30	A
6	C	31	D
7	C	32	B
8	D	33	A
9	A	34	D
10	C	35	A
11	B	36	B
12	B	37	D
13	B	38	B
14	C	39	A
15	C	40	A
16	B	41	D
17	D	42	D
18	A	43	C
19	A	44	C
20	C	45	B
21	D	46	B
22	D	47	C
23	C	48	C
24	C	49	D
25	C	50	D

Answer Key: Chemistry

1. C) H<sub>2</sub>O<sub>2</sub>
2. \*\*\*\* moved out of assessment
3. A) Electrophilic aromatic substitution
4. D) All of the above
5. B) Tartaric acid
6. D) LDA
7. D) Distillation
8. C) Heck reaction
9. B) Benzyl
10. B) Thionyl chloride
11. D) Ethyl acetate
12. A) Presence of a double bond
13. A) Ester
14. D) Isopropyl alcohol
15. \*\*\*\* moved out of assessment
16. D) 2-Methyl-2-propanol
17. A,B,C,D All are correct
18. A) Carboxylic Acid
19. D) S<sub>N</sub>2 reaction
20. B) MnO<sub>2</sub>
21. A) 4
22. C) Ionization isomerism
23. A) Square Planer
24. D) EDTA
25. A) NH<sub>3</sub> < PH<sub>3</sub> < AsH<sub>3</sub> < SbH<sub>3</sub>
26. C) Al<sub>2</sub>O<sub>3</sub>
27. A) 4
28. D) +7
29. A) Iron
30. D) Mercury (Hg)
31. B) Oxygen (O)
32. A) Covalent bonding
33. B) Combustion of methane
34. B) The number of electrons lost by the atom
35. B) Transition metals
36. D) Oxygen-silicon bonds
37. C) Volume
38. \*\*\*\* moved out of assessment
39. \*\*\*\* moved out of assessment
40. B)  $\Delta H < 0$
41. B) Temperature
42. A) Intermolecular forces
43. D)  $\Delta E < 0$
44. B) Lower
45. D)  $E = E^\circ - 0.0592/n \log Q$
46. D) All of the above
47. D)  $\Delta E = 0$
48. C) Increase by a factor of 4
49. A) Activation energy (E<sub>a</sub>)
50. D) de Broglie equation

## Answer Key: Commerce

Q. No.	Key	Answer
1	a	Cash flow decreases due to increase in current assets
2	c	the earnings for the next period
3	b	Re-employment of ex-employees
4	a	Individual and HUF, who is resident in India
5	b	The Simulation
6	c	the residential status of the taxpayer
7	d	If sales rise by 1% at the firm, then EBIT will rise by 3.5%
8	c	MBO
9	b	Profitability index should be greater than 1
10	a	Investment Decision
11	b	Arbitrage Process
12	b	1948
13	d	Variable Costs
14	c	Trend analysis
15	c	Parent whose income is greater
16	d	One third of the total or two directors whichever is higher
17	a	Liquidation expenses
18	c	Pooling of interests method
19	c	External reconstruction
20	b	Payment of Dividend
21	b	Always equal to zero
22	d	All of the above
23	d	0,1,2,3,4
24	b	2 outcomes
25	c	Directors Identification Number
26	b	By operation of law
27	a	Equal
28	c	Insolvency and Bankruptcy Board of India
29	b	Depository Participant
30	b	Fully paid shares
31	c	21 days
32	b	Creditors
33	c	Forward as well as backward looking
34	c	Tannenbaum
35	d	Helps implement change
36	b	Encoding
37	b	Co-partnership
38	b	1982
39	c	Albert Humphrey
40	b	A shareholder
41	b	Certain
42	b	the called up value of the shares
43	c	Red Herring prospectus contains all information related to price & quantity of shares
44	b	Y-Intercept
45	c	Caveat emptor
46	b	the mean is always zero
47	b	Chi-square test is a parametric test
48	a	selected at random
49	c	Mutually exclusive
50	d	All of the above

## Answer Key – Computer Engg

Q. No	Key	Q. No	Key
1	A	26	B
2	C	27	D
3	C	28	B
4	D	29	C
5	B	30	D
6	D	31	A
7	B	32	C
8	A	33	D
9	A	34	C
10	D	35	A
11	A	36	C
12	B	37	D
13	A	38	B
14	D	39	B
15	C	40	A
16	B	41	B
17	C	42	B
18	A	43	B
19	A	44	A
20	C	45	A
21	C	46	C
22	B	47	B
23	B	48	B
24	C	49	D
25	B	50	C

## Answer Key – Electronics Engg

Q. No	Key	Q. No	Key
1	C	26	D
2	B	27	A
3	C	28	C
4	D	29	A
5	B	30	C
6	D	31	A
7	B	32	D
8	A	33	B
9	B	34	D
10	A	35	C
11	A	36	A
12	C	37	B
13	D	38	D
14	C	39	A
15	A	40	C
16	B	41	B
17	D	42	D
18	B	43	C
19	D	44	A
20	C	45	D
21	A	46	B
22	C	47	C
23	D	48	B
24	A	49	C
25	B	50	B

## Answer Key: Environment Science

Q. No	Key	Q. No	Key
1	C	26	C
2	D	27	A
3	B	28	C
4	D	29	B
5	A	30	A
6	C	31	D
7	D	32	D
8	D	33	C
9	C	34	A
10	A	35	A
11	D	36	C
12	A	37	B
13	D	38	C
14	A	39	B
15	C	40	C
16	A	41	***
17	D	42	A
18	B	43	A
19	D	44	B
20	B	45	D
21	D	46	A
22	C	47	C
23	C	48	A
24	B	49	C
25	D	50	B

**\*\*\* moved out of assessment**

## Answer Key: Management

Q. No	Key	Q. No	Key
1	a	26	d
2	a	27	b
3	a	28	a
4	a	29	a
5	c	30	b
6	a	31	c
7	c	32	d
8	a	33	d
9	a	34	c
10	a	35	d
11	c	36	a
12	a	37	d
13	c	38	c
14	a	39	d
15	d	40	a
16	c	41	b
17	a	42	d
18	a	43	b
19	a	44	d
20	b	45	d
21	b	46	b
22	b	47	d
23	c	48	a
24	d	49	d
25	c	50	c

## Answer Key: Pharmacy

Q. No	Key	Q. No	Key
1	(c)	26	(c)
2	(b)	27	(b)
3	(a)	28	(c)
4	(d)	29	(a)
5	(a)	30	(c)
6	(a)	31	(d)
7	(b)	32	(c)
8	(d)	33	(a)
9	(b)	34	(b)
10	(b)	35	(c)
11	(a)	36	(b)
12	(c)	37	(d)
13	(c)	38	(b)
14	(b)	39	(d)
15	(b)	40	(c)
16	(a)	41	(a)
17	(a)	42	(a)
18	(c)	43	(b)
19	(a)	44	(b)
20	(b)	45	(c)
21	(d)	46	(b)
22	(b)	47	(b)
23	(d)	48	(d)
24	(b)	49	(d)
25	(c)	50	(b)

## Answer Key: Physics

Q. No	Key	Q. No	Key
1	(c)	26	(c)
2	(b)	27	(b)
3	(a)	28	(c)
4	(d)	29	(a)
5	(a)	30	(c)
6	(a)	31	(d)
7	(b)	32	(c)
8	(d)	33	(a)
9	(b)	34	(b)
10	(b)	35	(c)
11	(a)	36	(b)
12	(c)	37	(d)
13	(c)	38	(b)
14	(b)	39	(d)
15	(b)	40	(c)
16	(a)	41	(a)
17	(a)	42	(a)
18	(c)	43	***
19	(a)	44	(b)
20	(b)	45	(c)
21	(d)	46	(b)
22	(b)	47	(b)
23	(d)	48	(d)
24	(b)	49	(d)
25	(c)	50	(b)

\*\*\*\* moved out of assessment

ANSWER KEY: Political Science

1	2	3	4	5	6	7	8	9	10
A	B	A	D	B	D	A	D	B	***
11	12	13	14	15	16	17	18	19	20
B	D	A	C	D	B	D	B	B	B
21	22	23	24	25	26	27	28	29	30
A	B	D	A	B	D	C	D	D	C
31	32	33	34	35	36	37	38	39	40
A	B	C	B	C	B	C	D	D	A
41	42	43	44	45	46	47	48	49	50
C	D	D	A	D	A	B	D	A	D

\*\*\*\* moved out of assessment